

## Notes for the 2019 Fall round of ground water sampling Monitor Wells 3 (upgradient) & 6 (downgradient)

**Date & time:** Monday afternoon October 28<sup>th</sup>,2019 Effort began 11:50 AM; Effort concluded 4:50 PM.

**Weather:** Overcast, calm. Air temperature 41F.

**Tide information:** High-high tide event for the month of October

High 1:43 AM 18.3ft; 1:48 PM 20.1ft; Low 7:39 AM -0.9ft; 8:09 PM -3.7ft;

**Equipment used:** Geotech Series II peristaltic pump, YSI EcoSense pH100A pH/temperature probe

**Personnel:** Paul Berry, observed by Kathy Streveler

### Monitor Well 3

Time PM	pH	Temp C
1:46	7.11	8.1

Odor: None

Visibility: Clear.

Sample time: 1:48 PM

Water height

- before sampling: 89"
- depth of well: 101"

Purging: 2 gallons of water was pumped from the well before sampling.

### Monitor Well 6

*According to the sampling plan MW 1 is normally used during this sampling event but MW 1 was dry and it was not possible to sample it. Because of this I chose to sample MW 6, the only remaining downgradient monitor well.*

Time PM	pH	Temp C
3:13	7.26	7.6

Odor: None

Visibility: Pulled some sand. Slightly silty colorization

Sample time: 3:15 PM

Water height

- before sampling: 95"

- depth of well: 108"

Purging: 2 gallons and 0.5 quarts of water was purged from this well before sampling

Depth to groundwater Monitor well 4: 89.5"

Total depth Monitor well 4: 103"

Depth to groundwater Monitor well 1: 122"

Total depth Monitor well 1: 122" Monitor Well 1 is dry

Weather data from [www.ncdc.noaa.gov/cdo-web/quickdata](http://www.ncdc.noaa.gov/cdo-web/quickdata)

Station Location: GUSTAVUS 2 NE (25380)

GUSTAVUS, AK

Lat. 58.429 Lon. -135.69

Elevation(Ground): 20 ft. above sea level

Precipitation:

Date	Inches
10-21	0.00
10-22	0.17
10-23	0.50
10-24	0.42
10-25	0.05
10-26	0.03
10-27	0.09